

Title (en)

Apparatus for determining geometrical defects in a motor vehicle wheel (wheel rim + tyre) mounted on a tyre removal machine, and the tyre removal machine equipped therewith

Title (de)

Apparat zur Bestimmung von geometrischen Defekten in einem Motorfahrzeugrad (Radfelge + Reifen), das auf einer Reifendemontiermaschine befestigt ist, und Reifendemontiermaschine mit einem solchen Apparat

Title (fr)

Appareil de détermination des défauts géométriques dans une roue de véhicule à moteur (jante + pneu) montée sur une machine de démontage de pneu, et machine de démontage de pneu équipée d'un tel appareil

Publication

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Application

EP 00201415 A 20000419

Priority

IT RE990064 A 19990517

Abstract (en)

An apparatus for determining physical and geometrical defects in motor vehicle wheels (wheel rim + tyre) comprises at least one measurement unit to be associated with the self-centering unit of vertical axis (100) of a tyre removal machine, in order to occupy a rest position in which it lies outside the operational region of said self-centering unit and a working position in which it can assume a first measuring configuration in which it is in light contact with the bead retaining flange of the wheel rim of that wheel at that moment mounted on the moving self-centering unit, and a second configuration in which it is in light contact with the tread of the tyre of said mounted wheel, said at least one measurement unit being connected to a system for collecting and displaying the data obtained. <IMAGE>

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G01M 17/02

IPC 8 full level

G01M 17/02 (2006.01)

CPC (source: EP US)

B60C 25/002 (2013.01 - EP US); **G01M 17/022** (2013.01 - EP US)

Cited by

EP2361791A1; CN109632345A; EP2634016A1; WO2011101006A1; US6684517B2; US8250915B1; US8904863B1; US9731566B1; US9114676B2; US9834047B2

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